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Jamestown

Plainville

L. A. Cummings

April 22, 1958

PLAINVILLE WATER COMPANY

We had a meeting April 1st of all interested parties in connection with the Plainville Water Company's well contamination including those contained on the attached list.

A discussion during the meeting indicated that the large or 16" well had begun to show contamination to the extent 1.8 parts per million. There had been no indication, however, of any oil present in either of the two wells.

Mr. Curry of the State Water Resources Commission advised their laboratory had done some experimental work on treatment of the liquid in the lagoons and suggested the use of alum or ferrate chloride. The meeting was adjourned with the understanding that Marlin Rockwell would develop a treatment for the lagoons and that the State Water Resources Commission would be receptive to disposing of the liquid in the Quinnipiac River if the treatment was such as to provide a reasonably clear liquid. They would not permit any discoloration or oily film to be disposed of in the river.

When asked what percent of detergent they would permit passing into the river, they advised that they had no complaints from detergents in river water and even found it beneficial since it promoted the presence of oxygen in water.

Since this meeting on April 1st Mr. M. Priester of the Bets Laboratories has worked with Mr. M. Berlind and they have developed a treatment for the #2 lagoon. This will consist of alum calcium chloride and KWK volclay bentinite. The above materials produced a clear liquid with a pleasant faint odor and a sludge of approximately 10% by volume, which settled to the bottom of the containers in a comparatively short time. Materials have been purchased in sufficient quantity to treat the #2 lagoon. As soon as this material is received, the treatment will begin and we expect to have some definite results on the second lagoon by the 9th of May.

If the treatment is successful, this material will be disposed of down the river with the exception of the sludge which will settle to the bottom of the pond and will tend to seal off this pond so that no further material should get into the ground to cause further contamination of the water company's wells.

It is quite likely if the first treatment is successful, we will make succeeding treatments on material now contained in the #1 or original lagoon and dispose of this in a similar manner.

We had discontinued the use of the two materials causing the difficulty.

JSA:HB

J. S. Appleyard

CMH
MB
HAJ

Enc.